

Converting Colors

CIELCh(61, 57.580, 19.179)

Have a look what the booklet for
CIELCh(61, 57.580, 19.179) contains.

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Color

CIELCh(61, 57.522, 19.117)

Conversions

Conversions Part 1

Format	Color
Hex	F06675
RGB	240, 102, 117
RGB Percent	94%, 40%, 46%
CMY	0.0595, 0.6006, 0.5417
CMYK	0.00, 0.58, 0.51, 0.06
HSL	353°, 82%, 67%
HSV	353°, 58%, 94%
XYZ	43.8149, 29.2481, 20.1221
YIQ	144.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

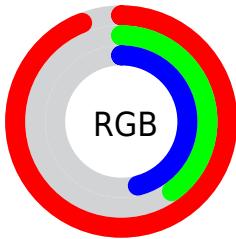
Format	Color
R_{YB}	240, 102, 117
Decimal	15754869
CIE _{Lab}	61.00, 54.35, 18.84
CIE _{LCh}	61, 57.522, 19.117
Yxy	29.2481, 0.4702, 0.3139
Android (android.graphics.Color)	4293944949 (0xFFFF06675)
YUV	144.9720, -13.7902, 83.3396
Hunter-Lab	54.0815, 49.9714, 15.7971

Details

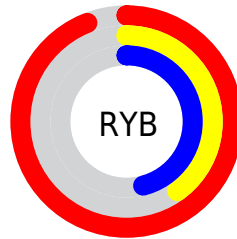
The CIELCh color **61, 57.522, 19.117** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 41.124, 185.637**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 39.016, 13.898**, and **41, 57.654, 19.077** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.873, 22.221**, and if you desaturate by 10%, it is **66, 46.833, 16.680**.

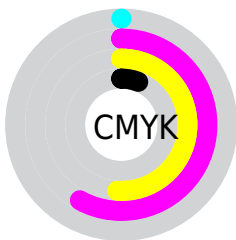
Distribution



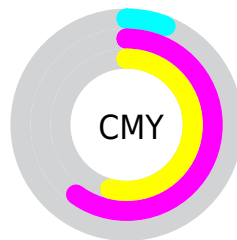
- Red (94%)
- Green (40%)
- Blue (46%)



- Red (94%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (58%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 57.522, 19.117 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 57.522, 19.117 by changing the saturation by 10% instead.

61, 57.522, 19.117

61, 57.522, 19.117

100, 57.522,
19.117

51, 57.522, 19.117

81, 57.522, 19.117

41, 57.522, 19.117

91, 57.522, 19.117

31, 57.522, 19.117

21, 57.522, 19.117

11, 57.522, 19.117

1, 57.522, 19.117

0, 57.522, 19.117

61, 57.522, 19.117

61, 57.522, 19.117

57, 67.873, 22.221

66, 46.833, 16.680

■ 54, 77.528, 26.071

■ 71, 36.175, 14.766

■ 51, 86.176, 30.570

■ 77, 25.822, 13.249

■ 50, 93.423, 35.179

■ 83, 15.947, 12.022

■ 50, 94.999, 36.142

■ 90, 6.633, 10.981

■ 96, 2.100, 190.544

■ 99, 5.222, 199.201

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 57.522, 19.117



87, 41.124, 185.637

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 57.522, 19.117



61, 57.522, 69.117



61, 57.522, 199.117



61, 57.522, 249.117

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 57.519, 19.120



89, 16.228, 11.970



63, 82.011, 323.751



46, 10.924, 12.196



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 57.519, 19.120



60, 72.878, 22.821



71, 48.596, 56.742



47, 5.034, 11.177



38, 77.054, 35.364



8, 29.314, 19.394

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 57.519, 19.120



60, 72.878, 22.821



73, 35.739, 252.496



47, 5.034, 11.177



38, 77.054, 35.364



8, 29.314, 19.394

Previews

White Background



This preview shows how the CIELCh color 61, 57.522, 19.117 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 57.522, 19.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 57.522, 19.117

Background



This preview shows how black text looks on a background with the CIELCh color 61, 57.522, 19.117.

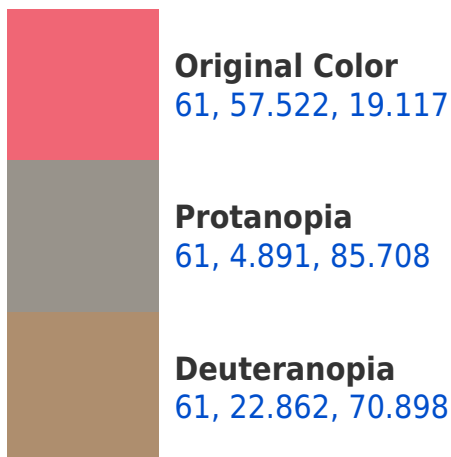


This preview shows how white text looks on a background with the CIELCh color 61, 57.522, 19.117.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

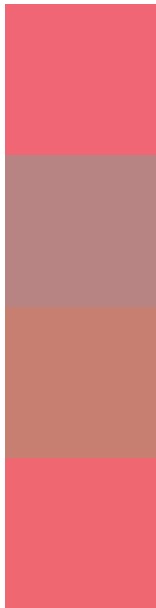
Dichromacy





Tritanopia
61, 57.634, 23.168

Trichromacy



Original Color
61, 57.522, 19.117

Protanomaly
60, 21.980, 21.733

Deuteranomaly
60, 32.369, 37.244

Tritanomaly
61, 57.359, 22.100

Monochromacy



Original Color
61, 57.522, 19.117

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 20.664, 12.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 57.522, 19.117 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 102, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 102, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 57.522, 19.117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 102, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 102, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 102, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 102, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 102, 117); box-shadow:4px 4px 4px 4px rgb(240, 102, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 57.522, 19.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 102, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
102, 117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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